



## Natural Heritage & Endangered Species Program

Massachusetts Division of Fisheries & Wildlife

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**Description:** Not formally described in published scientific literature, the Pine Barrens Itame is a geometrid moth with rather plain, brownish-gray forewings with faint patterning; the hind wings are cream-colored, powdered with small dark spots. Wingspan is 20-22 mm.

**Habitat:** The Pine Barrens Itame inhabits pitch pine-scrub oak barrens on sandplains and rocky summits and ridges.

**Life History:** Adult moths fly in late June and July. The eggs overwinter, and larvae hatch in early spring to feed on new growth of scrub oak (*Quercus ilicifolia*) (T. McCabe, personal communication), pupating by June.

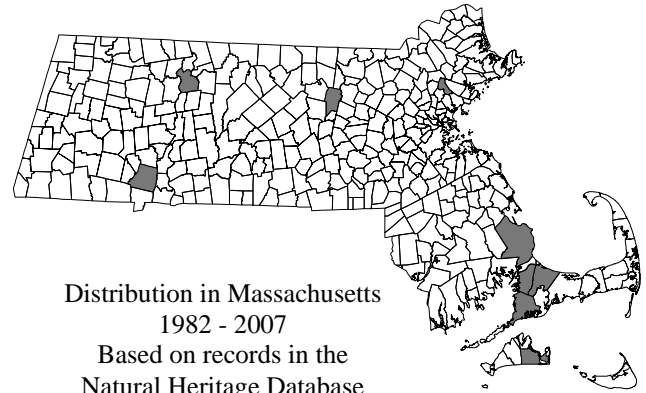
**Range:** The Pine Barrens Itame is found from Maine south to New Jersey and west to New York and Pennsylvania. It may occur in the Appalachian Mountains south to Virginia, but this is poorly documented. In Massachusetts this species occurs primarily on the southeast coastal plain, with several populations in the Connecticut River Valley and in the northeast part of the state.

## Pine Barrens Itame

*Itame* sp. 1 near *inextricata*

State Status: **Special Concern**

Federal Status: None



### Adult Flight Period in Massachusetts

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

### Threats

- Habitat loss
- Fire suppression
- Invasion by exotic plants
- Introduced generalist parasitoids
- Insecticide spraying
- Off-road vehicles
- Light pollution